

**ABSTRACT**

The present invention provides a tire building, and a building system, process setup method and manufacturing method for a tire built by this tire building drum, which can suppress investment cost of the drum core of the tire building drum used in a tire building system for building tires in different sizes, and to shrink an inventory of reserve drum cores. Plural distance pieces having the same thickness and end pieces forming the both end portions in the width direction are aligned in the width direction of the drum core to configure plural rigid segment which constitute the tire building drum. The distance pieces which are detachably configured are so arranged that their thickness direction face in the width direction of the drum core.

05827TS 22/22

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